

Form PTO-1449 (REV. 8-83) US Dept. of Commerce PATENT & TRADEMARK OFFICE			ATTY DOCKET NO. 116772		APPLICATION NO. New U.S. Application <u>10/632,861</u>	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANT(S) Shin-ichi NAKAO et al.			
			FILING DATE August 4, 2003			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
<u>h</u>	1	JP A 3-98632 w/ abst.	Apr. 24, 1991	Japan		
<u>h</u>	2	JP A 4-334531 w/ abst.	Nov. 20, 1992	Japan		
	3	JP A 5-31343 w/ abst.	Feb. 9, 1993	Japan		
	4	JP A 5-237352 w/ abst.	Sept. 17, 1993	Japan		
	5	JP A 6-246141 w/ abst.	Sept. 6, 1994	Japan		
	6	JP A 2001-860 w/ abst.	Jan. 9, 2001	Japan		
	7	JP A 11-130827 w/ abst.	May 18, 1999	Japan		
<u>h</u>	8	JP A 61-89236 w/ abst.	May 7, 1986	Japan		
<u>h</u>	9	JP A 2002-226531 w/ abst.	Aug. 14, 2002	Japan		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER <u>H. T. Le</u>			DATE CONSIDERED <u>07/04</u>			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						